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|---|---|---|---|---|
| GENERAL | 1 | Tag Number | | HV -32007 |
| | 2 | Line No. | P&ID No. | JCP-32-P1-EF-003 |
| | 3 | Equipment No. | | F-3201 (TR-32332-E) |
| | 4 | Service | | Alkylator Reboiler Flue Gas Damper |
| | 5 | Location | | F-3201 |
| MISCELLANEOUS | 6 | ACTUATOR TYPE | | PNEUMATIC / HANDWHEEL |
| | 7 | MOVEMENT | | ROTARY 90 DEGREES |
| | 8 | CHARACTERISTICS | | MODULATING / CLOCK STACK DAMPER |
| | 9 | FAILURE POSITION | | OPEN |
| | 10 | MIN. REQUIRED TORQUE | | 3696 in-lb |
| | 11 | AIR PRESSURE | | 5.55 kg/cm2-g (Min) and 12.75 kg/cm2-g (Mechanical Design) |
| | 12 | INSTRUMENTATION AREA | | |
| | 13 | CLASSIFICATION | | CLASS 1, DIVISION 2, GROUP C & D |
| | 14 | POSITIONER | | REQUIRED / GAUGE |
| | 15 | POSITIONER TAG NUMBER | | HY -32007 |
| | 16 | INPUT SIGNAL | | FOUNDATION FIELDUS |
| | 17 | NODE ADDRESS | | F7 |
| | 18 | SUPPLIER | | FISHER |
| | 19 | MODEL NUMBER | | DVC 6000F-SC-AD |
| | 20 | POSITION TRANSMITTER | | REQUIRED |
| | 21 | OUTPUT SIGNAL | | FOUNDATION FEILDBUS |
| | 22 | MODEL NUMBER / SUPPLIER | | INTEGRAL PART OF FF POSITIONER DVC 6000F-SC-AD |
| | 23 | LIMIT SWITCHES | | NOT REQUIRED |
| | 24 | SOLENOID VALVE | | AS REQUIRED FOR FAIL OPEN SYSTEM |
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| PURCHASE | 41 | Vendor | | KINETICS TECHNOLOGY INTERNATIONAL |
| | 42 | Manufacturer | | BAILEY |
| | 43 | Model | | UP2-1-A-0-0-4-0-S |
| | 44 | Purchase Order Number | | P-2156-002-A |
| | 45 | | | |

Notes: See notes

24-Aug-05 **REVISION HISTORY**

| Rev | Date | Description | DR | CHK | LD | ENGR | LDE |
|---|---|---|---|---|---|---|---|
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| 00 | 9/6/2008 | AS-BUILT(As recieved from JCP project) | INGR | SCHEM | | | SCHEM |

JCP

**INSTRUMENT SPECIFICATION**
DAMPER

Form 0002 | Sheet 1 of 2

Dwg. No. HV-32007/SP | Rev. 00

AS BUILT

Tag Number : HV -32007

1- DAMPER TO "FAIL OPEN" UPON LOSS OF SUPPLY AIR OR LOSS OF SIGNAL.
2- REFERENCE DOCUMENT : V-2156-002-A-102

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | INSTRUMENT SPECIFICATION<br>Miscellaneous Instrument | | JCP |
| 00 | INGR | 9/6/2008 | AS-BUILT(As recieved from JCP project) | | | Sheet 2 of 2 |
| No. | By | Date | Revision | Code: 0002 | Dwg. No.: HV-32007/SP | Rev.: 00 |